DAP

Digital Army Program

DAP

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Key DAP Features and Advantages

System of Systems

Complete interoperability of all services (Air, Land and Sea), platforms, and sensors to ensure true force-wide collaboration

Field-proven

Already implemented in the IDF by Elbit Systems Land and C4I – Tadiran as both lead systems integrator and core technology developer and owner

Broad Scope

Enhances combat force operational capabilities from the high echelon HQs down to the individual platform or soldier under all combat conditions – LIC, HIC, routine, and training

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Actionable C4ISR

The primary challenge of today's information-rich digitized battlespace is turning information into effective action - force-wide and at all echelons.

Leveraging Netcentric Warfare (NCW) concepts, Elbit Systems Land and C4I – Tadiran's Digital Army Program (DAP®) connects all Land, Air, and Sea forces - from high-echelon HQs to the individual platform, sensor and soldier - creating a force multiplier by maximizing combat resource coordination.

The only C4ISR solution to be fully deployed and operational force-wide in a major military organization - the Israel Defense Forces (IDF) – DAP provides actionable, real-time information and enables universal situational awareness, in-depth collaborative mission planning and management, and an always-updated Common Operational Picture (COP).

System of Systems

Meeting the needs of today's and tomorrow's battlespace, DAP implements advanced combat concepts that increase operational effectiveness and connectivity throughout all land force echelons, in all combat situations, under a unified operational concept.

DAP is a field-proven, automated, integrated force multiplier solution – a "system of systems" combining all C4ISR activities for dispersed land forces. Leveraging Elbit Systems Land and C4I – Tadiran's recognized hardware, software, and C4I technologies – DAP also benefits from the company's extensive experience in multidisciplinary computerized command and control system integration.

Fully Deployed in the IDF

Selected by the Israeli Ministry of Defense as the system of systems in the IDF's landmark Digital Army Program, DAP is already fully operational.

The first large-scale C4ISR system to be deployed and used force-wide under actual ongoing combat conditions, DAP was readily adopted and well-received by all IDF command echelons. Together with comprehensive fielding and training programs, and including significant integration efforts with existing and new systems, DAP has provided on-the-ground proof of the efficacy of NCW doctrine.

Broad Scope of Activities

DAP is unique in its all-encompassing scope. From high-level integration of all land C4I applications and systems, through cutting-edge hardware and communication technology, to massive assimilation and training plans - DAP enhances combat force operational capabilities, from the HQ to the individual soldier.

DAP's rich functionality enables markedly improved coordination between forces at different command levels, resulting in shorter reaction times under all combat conditions – LIC, HIC, routine, and training.

The results – better situational awareness for maneuvering forces, improved survivability and accuracy, and more efficient manpower and resource utilization.

Building Block Architecture

DAP is comprised of tightly-integrated building blocks, implemented by Elbit Systems Land and C4I – Tadiran as both lead systems integrator and core technology developer and owner.

DAP's building blocks include:

- Information Grid and Communication
- Management and Control
- Information Assurance
- Command Posts
- C2I Applications
- Hardware
- Platforms Upgrade
- Fielding and Training
- System Development, Integration, and Testing